Software Quality Test Report Checklist

Date(s) of Assessment: _____ Project: _____

Assessor(s): _____ Document Examined: _____

_____

		Y, N, NA	F, O	Comments
DOCUMENT STANDARDS COMPLIANCE				
1	Have standards/guidelines been identified to define the Software Test Report (SWTR)?			
2	Does the SWTR procedures/format conform to the specified standard/guideline?			
3	Has the project submitted any request for waivers/deviations to the defined work product?			
4	Have the following areas been addressed completely?			
4a	Approval authority?			
4b	Revision approval?			
4c	Revision control?			
TECHNICAL REFERENCE				
5	Has acceptance criteria been defined and established for the SWTR?			
6	Are references to policies, directives, procedures, standards, and terminology provided?			
TEST REPORT CONTENT				
7	Does the test report state the following:			
7a	Test purpose?			
7b	Test objectives?			
7c	Any prerequisite conditions?			
7d	Test summary?			
8	Does the test report address the overall assessment of the software as demonstrated by the test results?			

Y=Yes, N=No, NA=Not Applicable, F=Finding, O=Observation

For more information, please visit the NASA GSFC Software Assurance Website, at http://sw-assurance.gsfc.nasa.gov.

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		Y, N, NA	F, O	Comments
9	Does the test report address the percentage of test activities completed (i.e., planned vs. actual)?			
10	Does the test report address the remaining deficiencies, limitations, or constraints detected by testing (including a description of the impact on software and system performance, the impact a correction would have on software and system design, and recommendations for correcting the deficiency, limitation, or constraint)?			
11	Does the test report address partial verification of requirements?			
12	Does the test report address externally verified requirements?			
13	Does the test report address any liens against the software/system?			
14	Does the test report address any impact of the test environment?			
15	Does the test report include a Requirement Verification Test Matrix (RVTM)?			
16	Do the detailed test results address:			
16a	Project-unique identifiers of a test and test procedure(s)?			
16b	Summary of test results, including requirements verified?			
16c	Problems encountered?			
16d	Deviations from test cases/procedures?			
17	Does the test report include/reference a test log? If so, does the test log reflect the following:			
17a	Date(s), time(s), and location(s) of tests performed?			
17b	Test environment, hardware, and software configurations used for each test?			
17c	Date and time of each test-related activity, the identity of the individual(s) who performed the activity, and the identities of witnesses, as applicable?			

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		Y, N, NA	F, O	Comments
18	Does the test report provide a rationale for any decisions based on the test results?			
REFERENCE ITEMS/DOCUMENT				
NPR-7150.2, NASA Software Engineering Requirements (SWE118)				

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COMMENTS PAGE ____ of ____

#	Comments from assessment

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